



# Department of Public Safety Division of Fire and Life Safety Life Safety Inspection Bureau

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## Class Definitions, NICET, and State Fire and Life Safety Requirements

### **DEFINITION OF "EQUIVALENT":**

Means relevant formally approved experience and training in the design, installation, or maintenance of fire protection systems; "equivalent" is achieved primarily through union apprenticeship recognized by the division of fire and life safety; college or industry trade programs; or appropriate professional engineer attainment; and the state fire marshal will determine what is substantially equivalent or exceeds the requirements of this paragraph.

### **FIRE ALARM SYSTEMS:**

ALASKA CLASS LEVEL	CLASS DEFINITIONS	NICET REQUIREMENTS	FIRE AND LIFE SAFETY REQUIREMENTS
IA	Perform maintenance and testing of fire alarm signaling systems and related devices	Must pass the NICET II certification elements in the fire alarm signaling system business or the equivalent	Not less than two years cumulative experience in the fire alarm signaling system business
IB	Perform installation, maintenance, and testing of fire alarm signaling systems and related devices	Must pass the NICET II certification elements in fire alarm signaling systems or the equivalent	Have not less than two years cumulative experience in the fire alarm signaling systems business; be employed in a position of supervisory responsibility for the installation, maintenance, and testing of fire alarm signaling systems
IB-SPECIAL	Perform installation only of fire alarm signaling systems and related devices	N/A	Must have completed an approved electrical apprentice program; be a current Alaska journeyman electrician; and not hold a position of supervisory responsibility
IC	Perform design, installation, maintenance, and testing of fire alarm signaling systems and related devices	Must pass the NICET III certification elements in fire alarm signaling systems or the equivalent	Have not less than five years cumulative experience in the fire alarm signaling systems business; be employed in a position of supervisory responsibility for the preparation of technical documents and the installation, maintenance, and testing of fire alarm signaling systems
IC-DO	Perform design-only of fire alarm signaling systems and related devices	Must pass the NICET III certification elements in fire alarm signaling systems or the equivalent	Have not less than five years cumulative experience in the design of fire alarm signaling systems business; be employed in a position of supervisory responsibility for the design of fire signaling systems

## INSPECTION & TESTING OF WATER-BASED SYSTEMS:

ALASKA CLASS LEVEL	CLASS DEFINITIONS	NICET REQUIREMENTS	FIRE AND LIFE SAFETY REQUIREMENTS
IIA	Perform maintenance and testing of fire sprinkler and standpipe systems beginning at the point the water supply is used exclusively for the fire suppression system	Must pass the NICET II certification elements in automatic sprinkler systems or the equivalent	Have not less than two years cumulative experience in the water-based fire suppression system business
IIB	Perform installation, maintenance, and testing of water fire sprinkler and standpipe systems beginning at the point the water supply is used exclusively for the fire suppression system	Must pass the NICET II certification elements in inspection and testing of water-based systems or the equivalent	Have not less than two years cumulative experience in the water-based fire suppression system business; be employed in a position of supervisory responsibility for the installation, maintenance, and testing of water-based fire suppression systems
IIC	Perform design, installation, maintenance, and testing of water fire sprinkler and standpipe systems beginning at the point the water supply is used exclusively for the fire suppression system	Must pass the NICET III certification elements in automatic sprinkler systems or the equivalent	Have not less than five years cumulative experience in the water-based fire suppression system business; be employed in a position of supervisory responsibility for the preparation of technical documents and the maintenance and testing of water-based fire suppression systems
IIC-DO	Perform design of water fire sprinkler and standpipe systems beginning at the point the water supply is used exclusively for the fire suppression system	Must pass the NICET III certification elements in automatic sprinkler systems layout or the equivalent	Have not less than five years cumulative experience in the design of water-based fire suppression system business; be employed in a position of supervisory responsibility for the design of sprinkler systems

## SPECIAL HAZARDS SUPPRESSION SYSTEMS:

ALASKA CLASS LEVEL	CLASS DEFINITIONS	NICET REQUIREMENTS	FIRE AND LIFE SAFETY REQUIREMENTS
IIIA	Perform maintenance and testing of special hazard systems	Must pass the NICET II certification elements in special hazard systems or the equivalent	Have not less than two years cumulative experience in the special hazard systems business
IIIB	Perform installation, maintenance, and testing of special hazard systems	Must pass the NICET II certification elements in special hazard systems or the equivalent	Have not less than two years cumulative experience in the special hazard systems business; be employed in a position of supervisory responsibility for the installation, maintenance, and testing of special hazard systems
IIIC	Perform design, installation, maintenance, and testing, of special hazard systems	Must pass the NICET III certification elements in special hazard systems or the equivalent	Have not less than five years cumulative experience in the special hazard systems business; be employed in a position of supervisory responsibility for the preparation of technical documents and the maintenance and testing of special hazard systems
IIIC-DO	Perform design of special hazard systems	Must pass the NICET III certification elements for design of special hazard systems layout or the equivalent	Have not less than five years cumulative experience in the design of special hazard system business; be employed in a position of supervisory responsibility for the design of special hazard systems
IV	Perform limited to the installation, maintenance, and testing of pre-engineered dry and wet chemical fire suppression systems for restaurant and commercial hoods, ducts and associated cooking appliances	Must pass the NICET special hazard elements 52001, 52002, 53002, 53004, 53005, and 54013 or the equivalent	Have not less than two years cumulative experience in the kitchen fire suppression system maintenance business; possess at least one manufacturers training certificate; and possess the specific system manuals for the systems to be serviced